

Pre-Physical Therapy Program

Biology Major

Recommended Minors: Exercise Science **or** Psychology

Science Course Requirements

BIOL 171	Concepts in Biology	4 SH
BIOL 222	Molecules, Genes, & Cells	4 SH
BIOL 232	Ecology: Adaptation & Environment	4 SH
BIOL 281	Animal Form & Function	4 SH
*BIOL 301	Developmental Biology	4 SH
BIOL 431	Mammalian Anatomy	4 SH
BIOL 442	Mammalian Physiology	4 SH
	Research Requirement	2 SH
	Botany Requirement	4 SH
BIOL 482	Faith, Science & Ethics	2 SH
CHEM 221	General Chemistry I	4 SH
CHEM 232	General Chemistry II	4 SH
CHEM 311	Organic Chemistry I	4 SH
MATH 131	Elements of Calculus	3 SH
PHYS 251	University Physics I	4 SH
PHYS 262	University Physics II	4 SH
	Total	63 SH

Recommended Science & Additional Courses

CHEM 322	Organic Chemistry II	4 SH
*CHEM 331	Analytical Chemistry	4 SH
BIOCH 371	Foundational Biochemistry	4 SH
*BIOCH 391	Advanced Cell Biology	3 SH
*BIOCH 432	Molecular Genetics	3 SH
*LANG 332	Technical & Expository Writing	3 SH
MATH 242	Statistics for the Natural Sciences	3 SH
*PSYC 421	Neuroscience	3 SH

Exercise Science Minor

HE 222	First Aid	1 SH
HE 351	Athletic Training	2 SH
*PE 242	Introduction to Health, PE & Recreation	3 SH
PE 332	Motor Learning	2 SH
PE 441	Management & Assess Phys	3 SH
PE 461	Exercise Physiology & Kinesiology	4 SH
PEG 281/2	Fitness, Conditioning & Weight Training	1 SH
PE Elective Hrs		<u>3 SH</u>
	Total	18 SH

Psychology Minor

PSYC 101/2	General Psychology	3 SH
PSYC 201/2	Developmental Psych	3 SH
PSYC 221/2	Social Psych	3 SH
PSYC 231/2	Applied Behavior Anal	3 SH
PSYC 331/2	Abnormal Psych	3 SH
PSYC Elective		<u>3 SH</u>
	Total	18 SH

Recommended Courses if a minor is not chosen (courses listed in order of importance)

PSYC 101/2	General Psychology	3 SH
PSYC 201/2	Developmental Psych	3 SH
PE 332	Motor Learning	2 SH
PE 441	Management & Assessment of Physical Activity	3 SH
PE 461	Exercise Physiology & Kinesiology	4 SH
PSYC 331/2	Abnormal Psych	3 SH

*Alternate Year course